UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/829,049	04/10/2001	Michael D. Whitmarsh	10005102-1	8298

7590   04/21/2004

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EXAMINER
BONSHOCK, DENNIS G

ART UNIT	PAPER NUMBER
2173	

DATE MAILED: 04/21/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

	Application No.	Applicant(s)
Office Action Summary	09/829,049	WHITMARSH ET AL.
	Examiner	Art Unit
	Dennis G Bonshock	2173

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed
  after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any
  earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on <u>06 February 2004</u>.

2a)☒ This action is **FINAL**.   2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is
closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) <u>1-8 and 25-30</u> is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) <u>1-8 and 25-30</u> is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All b)☐ Some * c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☐ Copies of the certified copies of the priority documents have been received in this National Stage
application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☐ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
    Paper No(s)/Mail Date _____.

4)☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____.

5)☐ Notice of Informal Patent Application (PTO-152)

6)☐ Other: _____.

Final Rejection

Response to Amendment

1.   It is hereby acknowledged that the following papers have been received and

placed on record in the file: Amendment A as received on 2-6-2004.

2.   Claims 1-8 and 25-30 have been examined.

Status of Claims:

Claims 1-4, 6-8, 25, 26, and 30 are rejected under 35 U.S.C. 102(b) as being

anticipated by Sanchez et al., Patent # 5,832,298, hereinafter Sanchaz.

Claim 5 is rejected under 35 U.S.C. 103(a) as being unpatentable over Sanchez

and Wilson, GB 2,347,766. .

Claims 27-29 are rejected under 35 U.S.C. 103(a) as being unpatentable over

Sanchez and Alimpich et al., Patent #6,232,968, hereinafter Alimpich.

Claims 9-24 have been withdrawn from consideration as being drawn to a non-

elected claim group.

Claim Rejections - 35 USC § 102

6.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that

form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

7.   Claims 1-4, 6-8 and 25 are rejected under 35 U.S.C. 102(b) as being anticipated

by Sanchez et al., Patent # 5,832,298, hereinafter Sanchaz.

8.   With regard to claim 1, which teaches a user interface system comprising:

collecting resource information from the devices, Sanchez teaches, in column 2, lines

35-61, collecting information from a copier and generating a graphical user interface.

With regard to the interface of claim 1, further comprising the providing of options based

on the collected resource information, Sanchez teaches, in column 2, lines 35-61,

collecting information from a copier and generating a graphical user interface. With

regard to claim 1, further teaching profiling clients coupled to the network, Sanchez

teaches, in column 2, lines 35-61 and in column 11, lines 50-67 and in figure 10, the

system remembering the sender name as a means of tailoring the system to the users

profile. With regard to claim 1, further teaching constructing user interfaces based on

user profiles and the resource options, wherein the interface builder may be configured

to construct a unique user interface for each of the clients coupled to the network,

Sanchez teaches, in column 1, lines 57-64, column 2, lines 35-61 and in column 11,

lines 50-67 and in figure 10, the system generating a user interface by providing options

from the device and remembering the sender name as a means of tailoring the system

to the users profile, and further providing a means of accepting information pertaining to

a particular task of a particular user and configuring the peripheral device form the

user's workstation in response to the user selected option.

9.   With regard to claim 2, which teaches a unique user interface provided for the

client, Sanchez teaches, in column 2, lines 35-61 and in column 11, lines 50-67 and in

figure 10, the system remembering the sender name as a means of tailoring the system

to the users profile.

10.   With regard to claim 3, which teaches a unique user interface retained by the

user interface system, Sanchez teaches, in column 11, lines 50-67 and in figure 10, the

system remembering the sender name as a means of tailoring the system to the users

profile.

11.   With regard to claim 4, which teaches the user interface system being a node in

a Local Area Network, Sanchez teaches, in column 1, lines 19-25, the system being a

part of a LAN.

12.   With regard to claim 6, which teaches one of the clients being a local area

network, Sanchez teaches, in column 1, line 9 and in figure 1, that a LAN contains

clients of the network. With respect to claim 6, further teaching the LAN comprising a

plurality of network computers, Sanchez teaches, in column 5, line 5 and in figure 1,

there being multiple computers connected to the LAN. With regard to claim 6, further

teaching the user interface builder providing a unique user interface for 1 or more

network computers, Sanchez teaches, in column 2, lines 35-61 and in column 11, lines

50-67 and in figure 10, the system remembering the sender name as a means of

tailoring the system to the users profile.

13.   With regard to claim 7 which teaches the user interface system comprising a user

interface to a printer driver, Sanchez teaches, in column 2, line 12, a peripheral driver

including a method for generating and displaying an adaptive graphical user interface of

the current configuration and capability of a networked peripheral device connected to

an LAN.

14.   With regard to claim 8, which teaches a user interface having a hierarchical

menu of printer option screens, Sanchez teaches, in column 12, lines 23-29 and in

figures 12 and 13A, in the address screen, if "new individual" is selected a pop up

screen appears on the current screen. With regard to claim 8, further teaching one or

more printer screens being dynamic based on user preferences, printer capabilities, and

user print option selection, Sanchez teaches, in column 1, lines 9-17, the interface

always displaying the current configuration of the peripheral device.

16.   With regard to claim 25, with teaches a user interface system comprising: the

collecting of resource information, Sanchez teaches, in column 2, lines 35-61, and

collecting configuration and capabilities information from a device. With regard to claim

25, further teaching providing resource options, Sanchez teaches, in column 2, lines 35-

61, displaying job options that are appropriate for the current configuration. With regard

to claim 25, further teaching constructing user profiles for the connected clients,

Sanchez teaches, in column 11, lines 50-65, and in figure 10, retaining user input date

in the interface. With regard to claim 25, further teaching constructing user interfaces

based on profile and resource options, Sanchez teaches, in column 1, lines 57-64,

column 2, lines 35-61 and in column 11, lines 50-67 and in figure 10, constructing user

interfaces based on the available resources options and adapting the user interface

based on user input data, the system generating a user interface by providing options

from the device and remembering the sender name as a means of tailoring the system

to the users profile, and further providing a means of accepting information pertaining to

a particular task of a particular user and configuring the peripheral device form the user's workstation in response to the user selected option.

With regard to claim 26, which teaches a user interface system comprising: collecting resource information from the devices, Sanchez teaches, in column 2, lines 35-61, collecting information from a copier and generating a graphical user interface. With regard to the interface of claim 26, further comprising the providing of options based on the collected resource information, Sanchez teaches, in column 2, lines 35-61, collecting information from a copier and generating a graphical user interface. With regard to claim 26, further teaching profiling clients coupled to the network for receiving profiles specific to print options, Sanchez teaches, in column 2, lines 35-61 and in column 11, lines 50-67, in figure 10, and column 1, lines 31-37, the system remembering the sender name as a means of tailoring the printer system to the users profile. With regard to claim 26, further teaching constructing user interfaces based on user profiles and the resource options, wherein the interface builder may be configured to construct a unique user interface for each of the clients coupled to the network, Sanchez teaches, in column 1, lines 57-64, column 2, lines 35-61 and in column 11, lines 50-67 and in figure 10, the system generating a user interface by providing options from the device and remembering the sender name as a means of tailoring the system to the users profile, and further providing a means of accepting information pertaining to a particular task of a particular user and configuring the peripheral device (printer) form the user's workstation in response to the user selected option.

With regard to claim 30, which teaches the one or more resources being a plurality of resources, Sanchez teaches, in column 1, lines 31-37, the peripheral device being a multifunction device.

Claim Rejections - 35 USC § 103

17.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

18.   Claim 5 is rejected under 35 U.S.C. 103(a) as being unpatentable over Sanchez and Wilson, GB 2,347,766.

19.   With regard to claim 5, Sanchez teaches a user interface system that control resources coupled to a network (see column 2, lines 35-61). Sanchez, however, doesn't teach that the user interfaces system is an Internet web page. Wilson teaches a method of controlling multiple printers similar to that of Sanchez, but further teaches, in column 2, line 40, the use of a web page for displaying the printer interface. It would have been obvious to one of ordinary skill in the art, having the teachings of Sanchez and Wilson before him at the time the invention was made to modify the user interface system of Sanchez to include the ability to view the interface in the form of a web page, as did Wilson. One would have been motivated to make such a combination because a web page printer interface could provide multiple users easy access to the printer without the need to download application programs.

20.   Claims 27-29 are rejected under 35 U.S.C. 103(a) as being unpatentable over

Sanchez and Alimpich et al., Patent #6,232,968, hereinafter Alimpich.

21.   With regard to claim 27, Sanchez teaches, the system of providing user specific

profile information to a remote device, but doesn't specifically mention the customized

system being pre-built. Alimpich teaches a system for providing user specific options

for print jobs similar to that of Sanchez (see column 2, lines 52 through column 3, line

45), however Alimpich further teaches a means of receiving a customized user interface

pre-built (a default interface), see column 2, line 65. It would have been obvious to one

of ordinary skill in the art, having the teachings of Sanchez and Alimpich before him at

the time the invention was made to modify the system of Sanchez to provide a default

interface to the clients. One would have been motivated to make such a combination

because this would provide a good starting point to begin customization.

22.   With regard to claim 28, which teaches the customized user interface being built

when the client computer registers with the user interface system, Alimpich further

teaches, in column 3, line 7 and column 6, lines 25-66, the customization of the default

view once the user begins using the system.

23.   With regard to claim 29, which teaches the customized user interface being

rebuilt when the client computer changes preferences, Alimpich further teaches, in

column 3, line 7 and column 6, lines 25-66, the customization of the current view when

the user desires a different format (through selection f the customize view option).

Response to Arguments

24.   The arguments filed on 2-6-2004 have been fully considered but they are not

persuasive. The reasons are set forth below.

25.   With respect to the applicant's argument, that Sanchez does not teach that an

element of the computer constructs a user profile for a different client, such as a laptop.

26.   In response, the examiner respectfully submits that Sanchez teaches, in column

1, lines 57-64, column 2, lines 35-61 and in column 11, lines 50-67, constructing user

interfaces based on the available resources options and adapting the user interface

based on client input data sent from a remote workstation (see figure 1, specifically the

laptop pictured [12], the system generating a user interface by providing options from

the device and remembering the sender name as a means of tailoring the system to the

profile, and further by providing a means of accepting information pertaining to a

particular task of a particular user and configuring the peripheral device from the user's

workstation in response to the user selected option. These client specific options will be

different when a different client, on a different system, wants to use the remote device

for a different task, making each profile dependent.

27.   With respect to the applicant's argument, that Sanchez doesn't teach that a user

interface builder that may be configured to construct a unique user interface for each of

the clients coupled to the network based on the user profiles.

28.   In response, the examiner respectfully submits that Sanchez teaches, in column

1, lines 57-64 and column 2, lines 35-61, constructing user interfaces based on the

available resources options and adapting the user interface based on client input data.

This client specific data will be different when a different client, on a different system,

wants to use the remote device for a different task, making each profile dependent.

Sanchez further teaches, in column 2, line 62 through column 3, line 9, a peripheral

device controller that accepts configuration requests, over a network, to implement the

customization.

Conclusion

29.   **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time
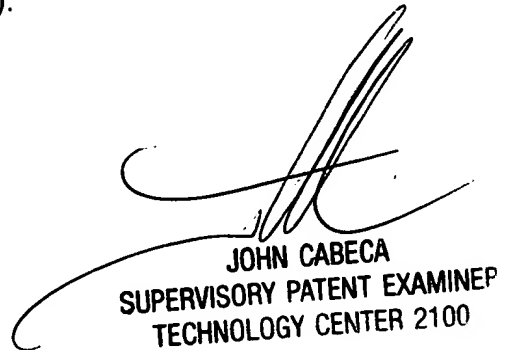
policy as set forth in 37 CFR 1.136(a).

30.   A shortened statutory period for reply to this final action is set to expire THREE

MONTHS from the mailing date of this action. In the event a first reply is filed within

TWO MONTHS of the mailing date of this final action and the advisory action is not

mailed until after the end of the THREE-MONTH shortened statutory period, then the

shortened statutory period will expire on the date the advisory action is mailed, and any

extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

the advisory action. In no event, however, will the statutory period for reply expire later

than SIX MONTHS from the mailing date of this final action.

31.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Dennis G Bonshock whose telephone number is (703)

305-4668. The examiner can normally be reached on Monday - Friday, 8:30 a.m. - 5:00

p.m.

32.   If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, John Cabeca can be reached on (703) 308-3116. The fax phone number

for the organization where this application or proceeding is assigned is 703-872-9306.

33.   Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free).

dgb

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